

Title

Introductory section and preparatory phase

- **Short Description:**
- **Keywords:**
- **Target audience:**
- **Age range:**
- **Context:**
- **Time required:**

Introductory section and preparatory phase

- **Technical Requirements:**
- **Author's background:**
- **Connection with the curriculum:**
- **Learning Objectives:**
- **Guidance for preparation:**

Pre-Experiment / Observation– Teaching Phase 1: Questions Eliciting Activities – PROVOKE CURIOSITY

Pre-Experiment / Observation– Teaching Phase 1: **Questions Eliciting Activities – DEFINE QUESTIONS** **FROM CURRENT KNOWLEDGE**

Pre-Experiment / Observation– Teaching Phase 2:

Active Investigation – PROPOSE PRELIMINARY
EXPLANATION OR HYPOTHESES

Pre-Experiment / Observation– Teaching Phase 2:

Active Investigation – PLAN AND CONDUCT SIMPLE INVESTIGATION

Experiment / Observation– Teaching Phase 3:

Creation – GATHER EVIDENCE FROM OBSERVATION

Experiment / Observation– Teaching Phase 4:

Discussion – EXPLANATION BASED ON EVIDENCE

Experiment / Observation– Teaching Phase 4:

Discussion – CONSIDER OTHER EXPLANATIONS

Post-Experiment / Observation– Teaching Phase 5: Reflection – COMMUNICATE EXPLANATION

Post-Experiment / Observation– Teaching Phase 5: Reflection – FOLLOW UP ACTIVITIES AND MATERIALS

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